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| <b>Notice of References Cited</b> | Application/Control No.<br>10/627,331 | Applicant(s)/Patent Under<br>Reexamination<br>KRIEG ET AL. |             |
|                                   | Examiner<br>Emily Le                  | Art Unit<br>1648   | Page 1 of 4 |

**U.S. PATENT DOCUMENTS**

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Name | Classification |
|---|---|--|-----------------|------|----------------|
|   | A | US-  |                 |      |                |
|   | B | US-  |                 |      |                |
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|   | L | US-  |                 |      |                |
|   | M | US-  |                 |      |                |

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**NON-PATENT DOCUMENTS**

| * |   | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)   |
|---|---|---|
|   | U | Krieg, A. Therapeutic potential of Toll-like receptor 9 activation. Nature Reviews: Drug Discovery, June 2006, Vol. 5, 471-484.   |
|   | V | Infante-Duarte et al., Th1/Th2 balance in infection. Springer Seminars in Immunopathology, 1999, 21: 317-338.   |
|   | W | Aoki et al. Use of cytokines in infection. Expert Opin. Emerg. Drugs, 2004, vol. 9, No. 2, 223-236.   |
|   | X | Bohn et al., Ambiguous role of interleukin-12 in Yersinia enterocolitica infection in susceptible and resistant mouse strains. Infect. Immune., 1998, Vol. 66, 2213-2220. |

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**Notice of References Cited**

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**NON-PATENT DOCUMENTS**

| * |   | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)  |
|---|---|--|
|   | U | Sakao et al. IL-18-deficient mice are resistant to endotoxin-induced liver injury but highly susceptible to endotoxin shock. Int. Immunol., 1999, Vol. 11, 471-480.              |
|   | V | Zaitseva et al. Interferon gamma and interleukin 6 modulate the susceptibility of macrophages to human immunodeficiency virus type 1 infection. Blood, 2000, Vol. 96, 3109-3117. |
|   | W | Masihi, K. Fighting infection using immunomodulatory agents. Expert Opin. Biol. Ther., 2001, Vol. 1, No. 4, 641-653.   |
|   | X | Krieg et al. CpG motif in bacterial DNA and their immune effects. Annu. Rev. Immunol., 2002, Vol. 20, 709-760.   |

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
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**NON-PATENT DOCUMENTS**

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|---|---|---|
|   | U | Mutwiri et al. Biological activity of immunostimulatory CpG DNA motifs in domestic animals. Veterinary Immunology and Immunopathology, 2003, Vol. 91, 89-103.   |
|   | V | Yamamoto et al., Oligodeoxyribonucleotides with 5'ACGT-3' or 5TCGA-3 sequence induce production of interferons. Curr. Top. Microbiol. Immunol. 2000, Vol. 247, 23-39.   |
|   | W | Equils et al. Toll-like receptor 2 (TLR2) and TLR9 signaling resulted from HIV-long terminal repeat transactivation and HIV replication in HIV-1 transgenic mouse spleen cells: implications of simultaneous activation of TLRs on HIV replication. J. Immunol. 2003, 170, 5159-5164. |
|   | X | Agrawal, et al. Was induction of HIV1 through TLR9? J. Immunol. 2003, 171, 1621-1622.   |

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
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|---|---|--|
|   | U | Olbrich et al. Preinfection treatment of resistant mice with CpG oligodeoxynucleotides renders them susceptible to friend retrovirus-induced leukemia. J. Virol., 2003, 77, 10658-10662. |
|   | V |  |
|   | W |  |
|   | X |  |

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